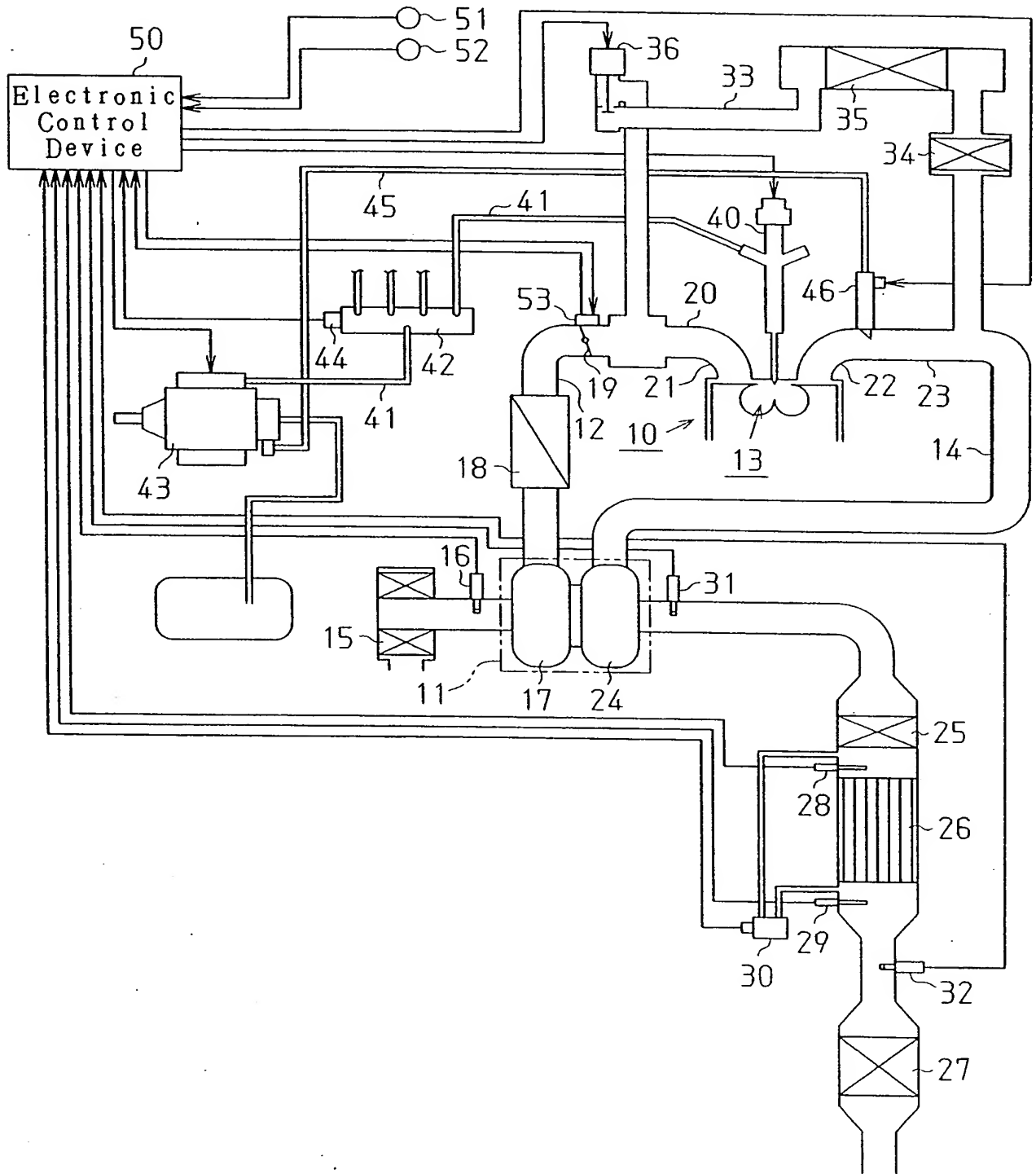
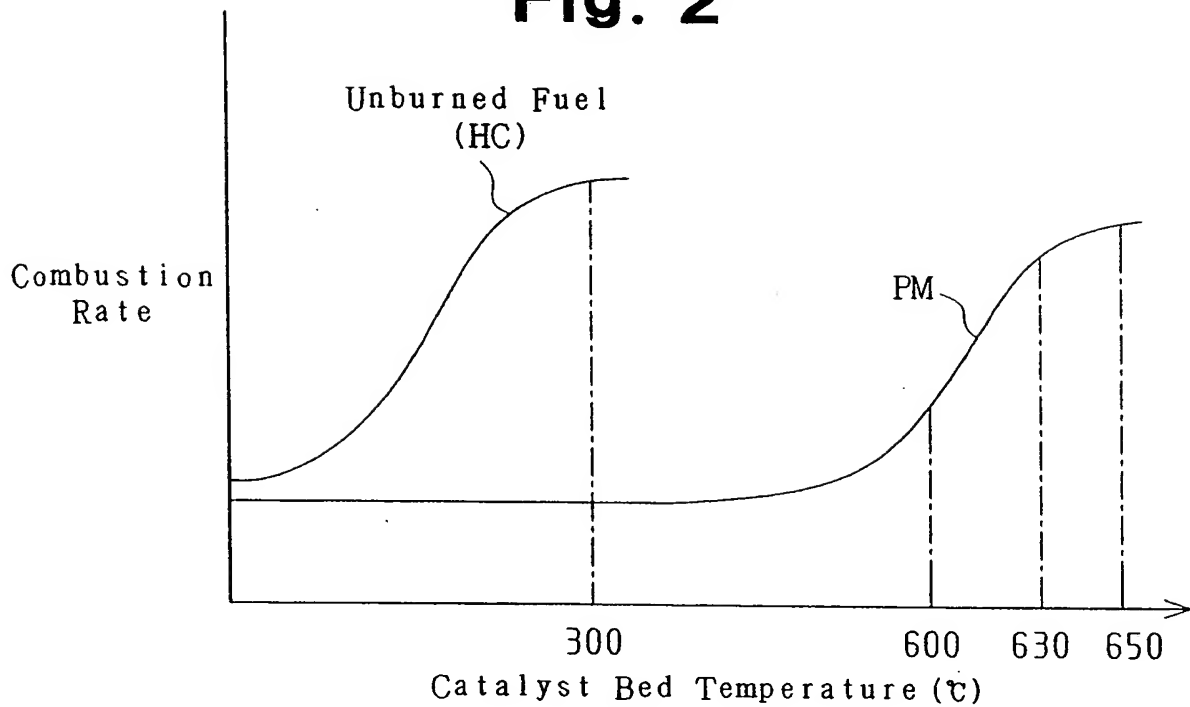


**Fig. 1**

**Fig. 2****Fig. 3(a)**

PM  
Accumulation  
Amount

Determination  
Value Dc

Determination  
Value Db

Determination  
Value Da

0

**Fig. 3(b)**

Catalyst  
Bed  
Temperature

300°C

600°C

630°C

650°C

Burn-up  
Control

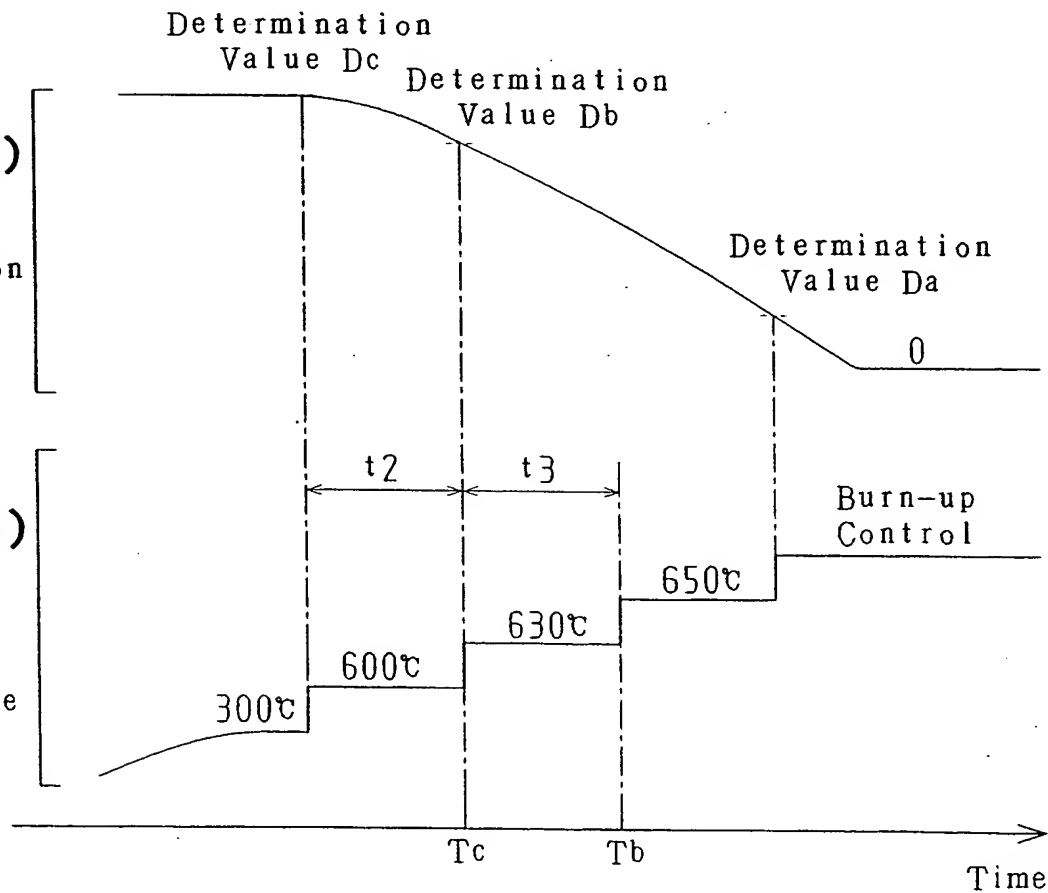
t2

t3

Tc

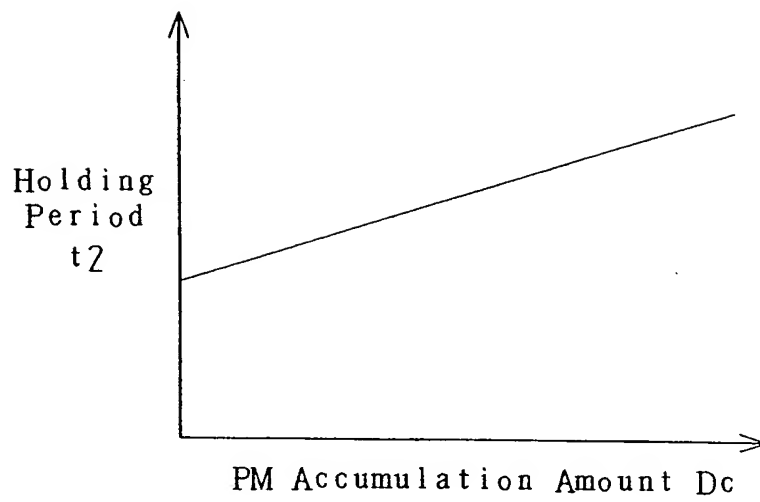
Tb

Time

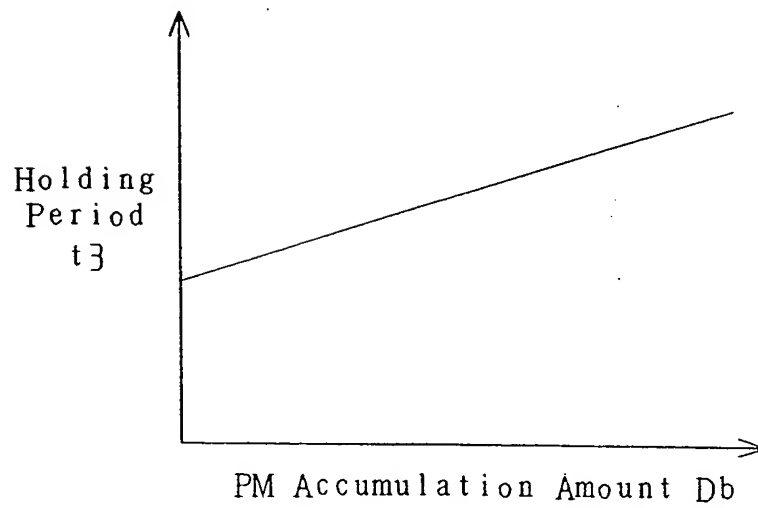


3/6

**Fig. 4**



**Fig. 5**



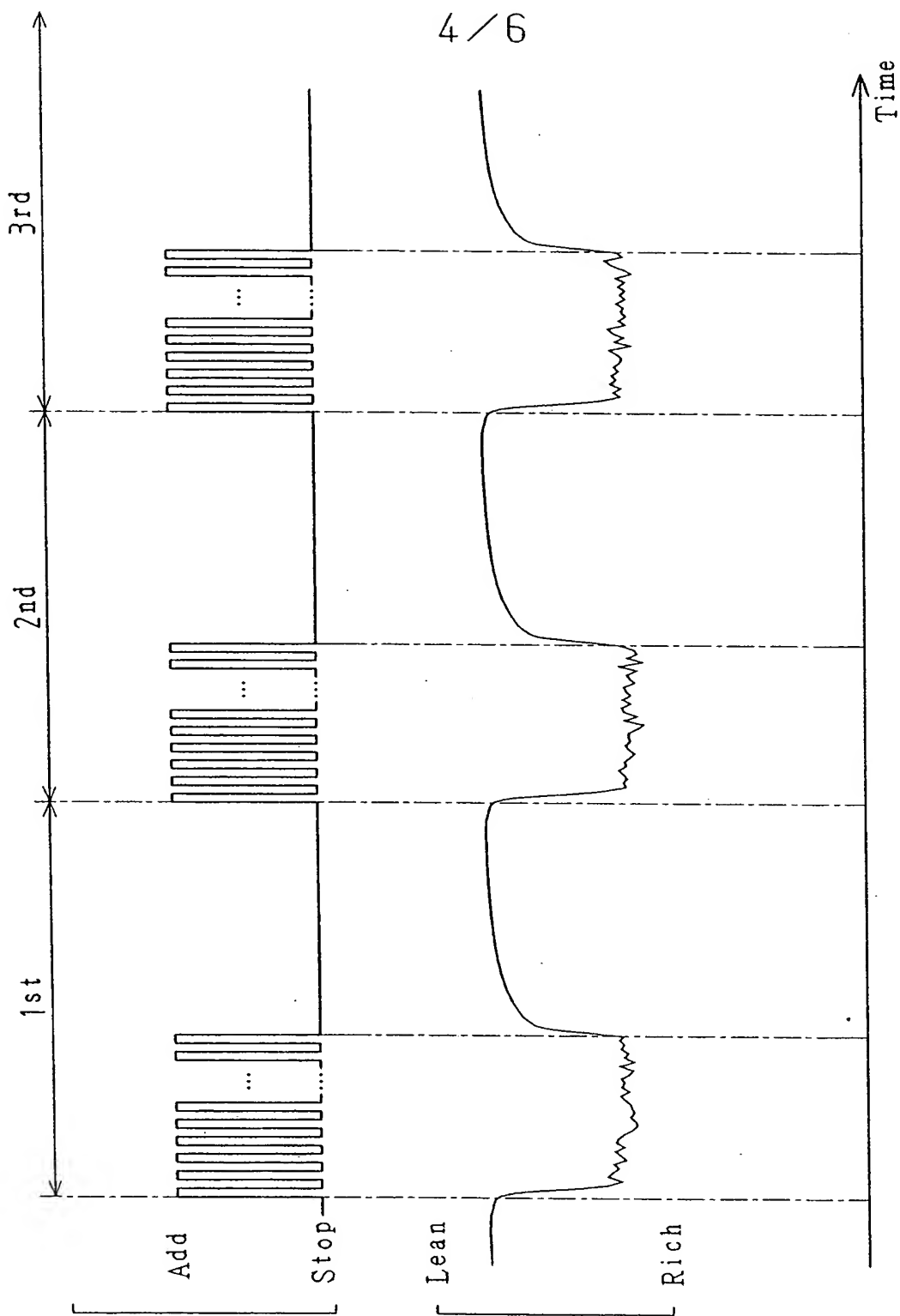
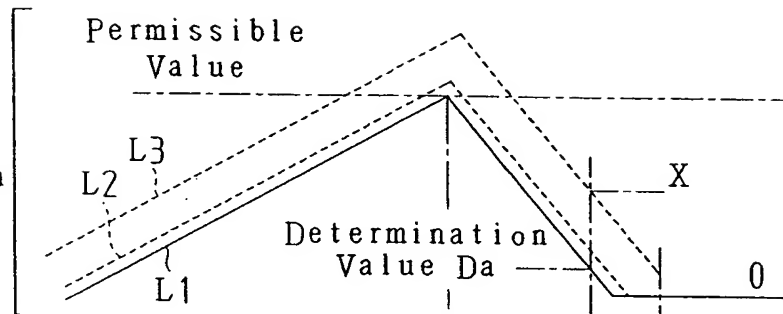
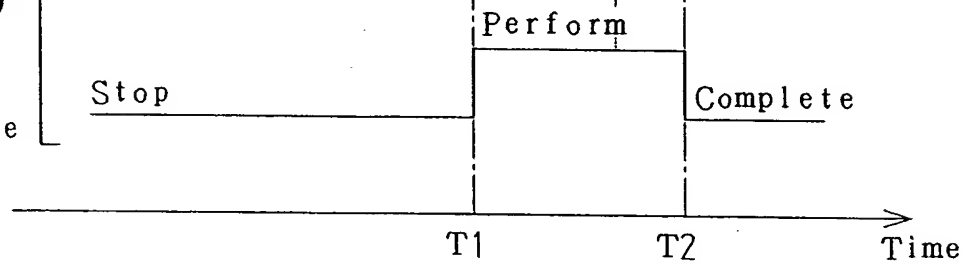
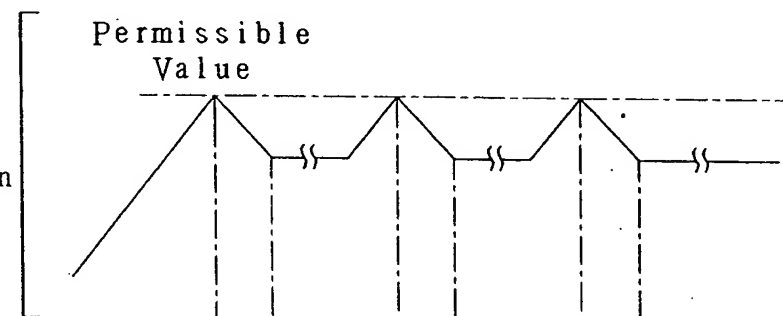
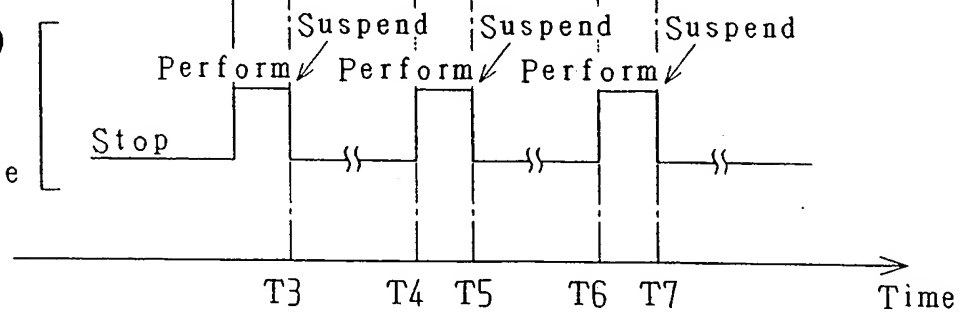
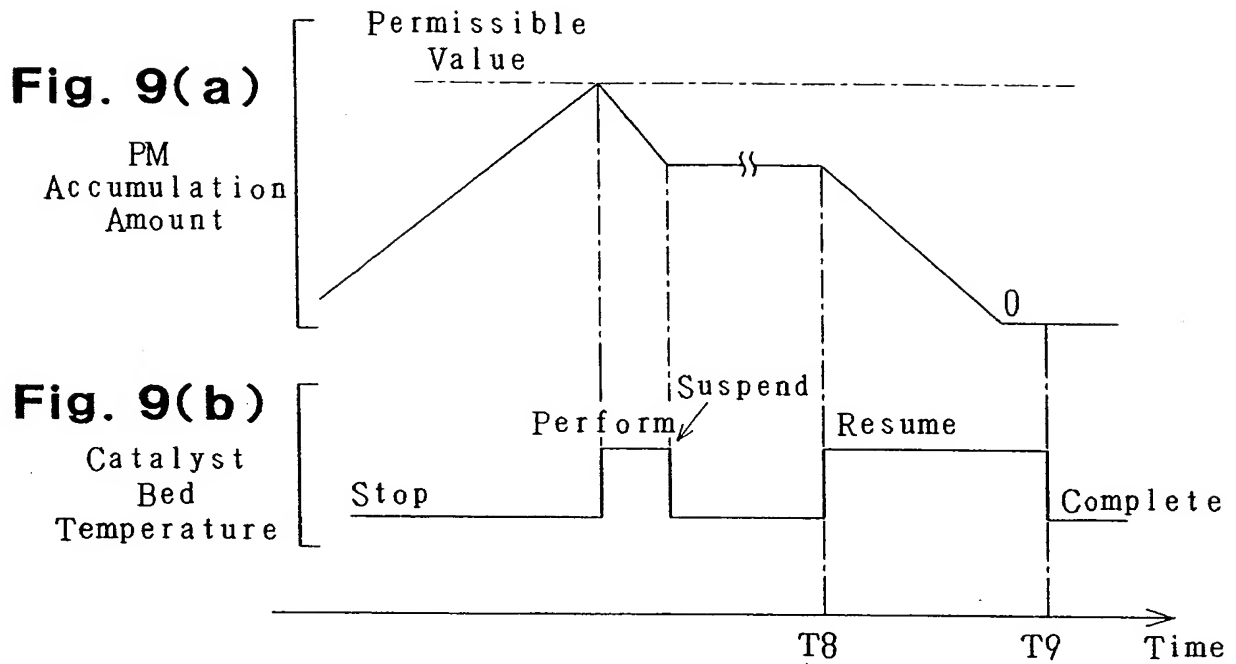


Fig. 6(a)

Fig. 6(b)

**Fig. 7(a)**PM  
Accumulation  
Amount**Fig. 7(b)**Catalyst  
Bed  
Temperature**Fig. 8(a)**PM  
Accumulation  
Amount**Fig. 8(b)**Catalyst  
Bed  
Temperature

**Fig. 10**